

ABSTRACT

sub 2 > The invention intends to form a paste pattern with no variations in liquid amount while preventing a bubble from being entrapped in a step of bonding a bonded member.

A paste pattern forming method wherein a drawing pattern is formed on a paste-applied body with a linearly drawn paste line. The drawing pattern is linearly drawn with a paste on the paste-applied body by using a nozzle, the paste, a paste reserving container, and paste supply means. The paste is continuously discharged from the nozzle while the paste line is being drawn. The paste line is drawn while moving any of the paste-applied body, the nozzle and the paste. The paste-applied body is a lead frame, and the paste is an adhesive for die bonding. The drawing pattern is a figure made up of a plurality of segment lines, preferably a figure in the radial form. The drawing pattern is a figure including an enclosed shape. At least one segment line is formed of two drawn lines by moving any of the paste-applied body, the nozzle and the paste to go and return. The drawing pattern is formed such that the total number of start and end points of drawn lines is not larger than the number of segment lines, and that the start and end points of drawn lines are positioned other than the ends of the drawing pattern. The drawing pattern is formed with a minimum number of points at which the drawn lines are returned in a drawing process.

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